**Index of Claims** 

Application/Control No.

10/014,908

Examiner

Reexamination CIRCENIS, EDGAR

Applicant(s)/Patent under

Art Unit

Tan Dean D. Nguyen

3629

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** 0 Objected

| Claim Date |          |   |              |              |  |  |  |          |              | •            | Claim Date |       |          |                 |           |          |          | _        | ſ        | Cl        | aim      | Date     |          |       |            |                 |          |          |          |          |           |          |           |           |
|------------|----------|---|--------------|--------------|--|--|--|----------|--------------|--------------|------------|-------|----------|-----------------|-----------|----------|----------|----------|----------|-----------|----------|----------|----------|-------|------------|-----------------|----------|----------|----------|----------|-----------|----------|-----------|-----------|
| Cla        | 11511    |   |              |              |  |  |  |          |              | -            | Ula        |       | Н        | Date            |           |          |          |          |          |           |          | - Cle    | 21111    | Date  |            |                 |          |          |          |          |           |          |           |           |
| Final      | Original |   | 12 74 06     |              |  |  |  |          |              |              |            | Final | Original |                 |           |          |          |          |          |           |          |          |          | Final | Original   |                 | į        |          |          |          |           |          |           |           |
|            | 75)      |   | V            |              |  | 1  | <del> </del>                                     | _        | $\vdash$     | -            |            |       | 51       | $\vdash$        | _         | _        | $\dashv$ | 寸        | 寸        | 寸         | 7        | $\neg$   |          |       | 101        |                 |          |          |          |          |           | $\neg$   | 1         | ᆿ         |
|            | Q        |   | 1            | _            | T  | <u> </u>   | <del>                                     </del> | +-       | Ħ            |              |            |       | 52       | H               |           |          | $\neg$   | _        | 寸        | 寸         |          |          |          | -     | 102        |                 | 寸        |          |          | $\neg$   |           | 寸        | 寸         | $\neg$    |
|            | 3        |   | H            | $\vdash$     | <del>                                     </del> |  | _  | 1        |              |              |            |       | 53       | Н               | $\neg$    | 一        | _        | 寸        | 7        | ┪         | $\dashv$ | $\neg$   |          |       | 103        |                 |          |          |          |          |           | T        | $\exists$ | $\neg$    |
|            | 4        |   | H            |              |  | 1  |  |          |              | _            |            |       | 54       | Н               | $\dashv$  | $\neg$   | $\neg$   | $\dashv$ | 寸        | _         |          |          |          |       | 104        | $\neg \uparrow$ | _        |          |          | $\neg$   |           |          |           | $\neg$    |
|            | 5        |   | H            | _            | <del>                                     </del> | 一  | T  | 1        |              |              |            |       | 55       |                 |           | ヿ        | $\neg$   | $\neg$   | _        | T         | 1        |          |          |       | 105        |                 | ヿ        |          |          |          |           |          | ヿ         | $\neg$    |
|            | 6        |   | 1            | 一            | Н  | $\vdash$   | <u>├</u>   | T        | -            |              |            |       | 56       | Н               |           |          | 寸        |          | $\neg$   | $\neg$    |          |          |          |       | 106        |                 | $\neg$   |          | $\Box$   |          |           |          | T         | $\neg$    |
|            | 7        |   | ⇈            | T            |  | <del>                                     </del> | _  | Т        |              |              |            |       | 57       |                 |           |          | 寸        | $\neg$   | 寸        | 寸         |          |          |          |       | 107        |                 | 一        |          | $\neg$   | $\neg$   |           |          | ヿ         | ヿ         |
|            | 8        |   | 1            | $\vdash$     | T  | T  |  |          |              | _            | l          |       | 58       |                 | $\neg$    | $\neg$   | $\neg$   | 寸        | ヿ        | 寸         |          | $\neg$   |          |       | 108        |                 |          |          |          |          |           |          | T         | $\exists$ |
|            | 9        | _ | T            |              | $\vdash$   | <u> </u>   |  | T        |              |              |            |       | 59       |                 |           |          |          |          |          |           |          |          |          |       | 109        |                 |          |          |          |          |           |          |           | $\neg$    |
|            | 10       |   | П            | $\vdash$     | ┌╴   | 1  | T  |          |              |              |            |       | 60       |                 |           |          |          |          |          |           |          |          |          |       | 110        |                 |          |          |          |          |           | T        | T         | ╗         |
|            | 11       |   | 1            |              |  |  |  | ١.       |              |              | 1          |       | 61       |                 |           | $\neg$   |          | $\neg$   | T        |           | 1        |          | 15       |       | 111        |                 | T        |          |          |          |           | T        | T         | П         |
|            | 12       |   | 1            | 1            |  |  | T  |          | i            |              | ,          |       | 62       |                 |           | 一        |          | $\dashv$ | 寸        | $\exists$ | $\neg$   | $\neg$   |          |       | 112        |                 |          |          |          |          |           | İ        | 寸         | $\neg$    |
|            | 13       |   | П            | Τ            | 1  | 1  | Т  |          |              |              |            |       | 63       |                 |           |          | T        | T        |          | ╗         |          |          | ļ., S.,  |       | 113        |                 |          |          |          |          |           |          |           | ┚         |
|            | 14       |   | П            |              |  |  |  |          |              |              | 1          |       | 64       |                 |           |          |          |          |          |           |          |          |          |       | 114        |                 |          |          |          |          |           |          |           |           |
|            | 15       |   | П            |              |  |  |  | T        |              |              |            |       | 65       |                 |           |          |          |          |          | $\neg$    |          |          | ¥1       |       | 115        |                 | 丁        |          |          |          |           |          |           | $\Box$    |
|            | 16       |   |              |              |  |  |  |          | Г            |              |            |       | 66       |                 |           |          |          |          | _1       |           |          |          |          |       | 116        |                 |          |          | ٠.       |          |           |          |           |           |
|            | 17       |   | П            |              |  |  |  |          |              |              | . 4        |       | 67       |                 |           |          |          | Î        |          |           |          |          |          |       | 117        |                 |          |          |          |          |           |          | $\neg$    |           |
|            | 18       |   |              |              |  |  |  |          |              |              |            |       | 68       |                 |           |          |          |          | $\Box$   |           |          |          | ķΘ       |       | 118        |                 | •        |          |          |          |           |          | $\Box$    |           |
|            | .19      |   |              |              |  |  |  |          |              |              |            |       | 69       |                 |           |          |          |          |          |           |          |          |          |       | 119        |                 |          |          |          |          |           |          |           |           |
|            | 20       |   |              |              |  |  |  |          |              |              |            |       | 70       |                 |           |          |          |          |          |           |          |          | Ė        |       | 120        |                 |          |          |          |          |           |          | $\Box$    |           |
|            | 21       |   | $\Box$       |              |  |  |  |          |              |              | - 1        |       | 71       |                 |           |          |          |          |          |           |          |          | 4.5      |       | 121        |                 |          |          |          |          |           |          | $\Box$    |           |
|            | 22       |   |              |              |  |  |  |          |              |              |            |       | 72       |                 |           |          |          |          |          |           |          |          |          |       | 122        |                 |          |          |          |          |           |          |           |           |
|            | 23       |   | I            |              |  |  |  |          |              |              |            |       | 73       |                 |           |          |          |          |          |           |          |          |          |       | 123        |                 |          |          |          |          |           | •        |           |           |
|            | 24       |   |              |              |  | L  |  |          |              |              |            |       | 74       |                 |           |          |          |          |          |           |          |          |          |       | 124        |                 |          |          |          |          |           |          | $\Box$    |           |
|            | 25       |   | Ш            |              |  | _  |  |          |              |              |            |       | 75       | Ш               |           |          |          |          |          |           |          |          |          |       | 125        |                 |          |          |          |          |           |          |           |           |
|            | 26       |   | Ш            | <u> </u>     |  |  |  |          |              |              | - 2        |       | 76       | Ш               |           |          |          |          |          |           |          |          | , i      |       | 126        |                 |          |          |          |          |           |          | $\Box$    |           |
|            | 27       |   | Ш            |              |  | L  |  |          |              |              | 1.7        |       | 77       | Ш               |           |          |          |          |          |           |          |          |          |       | 127        |                 |          |          |          |          |           |          |           |           |
|            | 28       |   | Ш            |              |  | <u>L</u>   | L  |          | _            |              |            |       | 78       | Ш               |           | _        |          |          | - 1      | _         | _        |          | 1        |       | 128        | $\Box$          |          |          |          | _        |           |          | _         |           |
|            | 29       |   | Ц            | _            | L  | ┖  | $oxed{oxed}$                                     |          |              |              |            |       | 79       | Ш               |           |          | _        |          |          | _         |          |          | -        |       | 129        |                 |          |          |          |          |           |          | _         |           |
|            | 30       |   | V            |              |  | L  |  |          |              |              |            |       | 80       | Ш               |           |          |          |          |          | _         | _        | _        |          |       | 130        |                 | _        |          |          |          |           |          | _         |           |
|            | 31       |   |              |              |  |  | L  |          |              |              |            |       | 81       | Ш               |           | _        | _        |          | _        | _         | $\dashv$ | _        |          |       | 131        | _               | _        |          |          |          |           |          | _         | _         |
|            | 32       |   | ļ.,          | _            | _  | _  | _  | L        | <u> </u>     |              |            |       | 82       | Ш               |           | _        | _        |          | _        | $\dashv$  | $\dashv$ |          |          |       | 132        | $\dashv$        |          |          | ·        |          |           | _        |           |           |
|            | 33       |   | <u> </u>     | <u> </u>     | <del> </del> _                                   | <b> </b>   | <b> </b>   | ↓_       | <del> </del> | L_           |            |       | 83       | Ш               |           |          | _        | _        | _        | 4         | _        | _        |          |       | 133        |                 | _        |          |          |          | Ш         | _        | _         |           |
|            | 34       |   | <u> </u>     | 1_           | <u> </u>   | _  | _  | _        | ــ           | <u> </u>     |            |       | 84       | $\sqcup$        |           | [        |          | _        | _        |           | _        | _        |          |       | 134        | $\perp$         |          |          |          |          |           |          | _         | _         |
| <u> </u>   | 35       |   | _            | 1            | ├  | <u> </u>   | 1  | _        |              |              | •          |       | 85       | Щ               |           | 4        | $\dashv$ | 4        | -        | 4         | _        | _        |          |       | 135        | $\dashv$        |          |          |          | _        |           | $\dashv$ | -         | _         |
|            | 36       |   | L            | <u> </u>     | ╙  | ┞-   | ├-   | ₩        | ــــ         | L_           |            |       | 86       | $\vdash$        |           |          | _        | _        | _        | _         | _        | _        |          |       | 136        | $\sqcup$        | _        |          |          |          | _         | _        | $\dashv$  | _         |
|            | 37       |   | <u> </u>     | 1            | $\vdash$   | ₩  | ₩  | 1        | ऻ_           | $\vdash$     |            |       | 87       | Н               |           | $\dashv$ |          |          | _‡       |           |          | 4        |          |       | 137        |                 | _        |          |          | _        | $\Box$    | $\dashv$ | $\dashv$  | _         |
|            | 38       |   | _            | ₩            | ⊢  | ـ  |  | ـ        | ↓            | L.           |            |       | 88       |                 |           | _        | 4        | 4        |          | _         | _        | _        |          |       | 138        | $\dashv$        | _        | _        |          | _        | $\square$ |          |           | $\dashv$  |
|            | 39       | _ | _            |              | ـــ  | <del> </del>                                     | ₩  | $\vdash$ |              | L            |            |       | 89       | Н               |           | _        |          | _        | _        |           | $\dashv$ |          |          |       | 139        | $\vdash \vdash$ | _        |          |          |          | $\Box$    | _        |           |           |
| <u></u>    | 40       |   | <u> </u>     | ₩            | ⊢  |  |  | -        | $\vdash$     | H            |            |       | 90       |                 | $\square$ | _        | $\dashv$ | -        | $\dashv$ | -         |          | $\dashv$ |          |       | 140        | $\vdash$        | $\dashv$ |          | -        |          |           |          | 4         |           |
|            | 41       |   | ├            | ├-           | <del>  -</del>                                   | -  |  | -        | $\vdash$     | <u> </u>     |            |       | 91       | Н               | $\sqcup$  |          |          | -        | _        | 4         | $\dashv$ | _        |          |       | 141        | $\vdash$        |          |          |          |          | $\dashv$  |          | $\dashv$  |           |
|            | 42       |   | $\vdash$     | <del> </del> | ├  | <del> </del>                                     |  | -        | $\vdash$     | H            |            |       | 92       | $\vdash \vdash$ |           |          |          | -+       |          |           | -        | _        |          |       | 142        | $\vdash$        |          | _        | -        | -        | $\dashv$  | -        | $\dashv$  |           |
| <u></u>    | 43       | _ | -            | ₩            | ⊢  |  |  | +        | $\vdash$     | H            |            |       | 93       | $\vdash \vdash$ | $\vdash$  | $\dashv$ | -+       |          | -        |           | $\dashv$ | $\dashv$ |          |       | 143        | $\dashv$        | -        |          | _        | -        | $\dashv$  | -        | $\dashv$  |           |
|            | 44       |   | <del> </del> | +-           | ├—   | ₩  | ├-   | +-       | ⊢            | <u> </u>     |            |       | 94       | $\vdash \vdash$ | $\vdash$  |          |          |          |          | -         | -        | -        |          |       | 144        | $\dashv$        | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ |           |          | $\dashv$  | ᅴ         |
|            | 45       |   | _            | -            | <del> </del> —                                   | ⊢  | $\vdash$   | $\vdash$ | ╀            | <del> </del> |            |       | 95<br>96 | $\vdash$        |           | $\dashv$ | $\dashv$ | -        | -+       | $\dashv$  | -+       | $\dashv$ |          |       | 145<br>146 | $\dashv$        | $\dashv$ |          |          |          |           |          | $\dashv$  | $\dashv$  |
| -          | 46<br>47 | _ | -            | ₩            | ├  | $\vdash$   | <del>                                     </del> | +        | ╀            | -            |            |       | 96       | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$  | $\dashv$ |          |          |       | 147        | $\dashv$        | $\dashv$ |          |          |          | $\dashv$  |          | $\dashv$  | $\dashv$  |
| -          | 47       |   | -            | ⊢            | $\vdash$   | ╁  | $\vdash$   | $\vdash$ | ╁            | -            |            |       | 98       | $\vdash \vdash$ | $\dashv$  | -        | -        | ┥        | $\dashv$ |           | $\dashv$ |          |          |       | 148        | $\vdash$        |          | $\dashv$ | $\dashv$ |          | -         |          | $\dashv$  | $\dashv$  |
|            | 48       | _ | ⊢            | ┼            | ├-   | -  | ┢  | +        | ├            | -            |            |       | 99       | $\vdash$        |           | -        | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |          |          |       | 149        | $\vdash$        | $\dashv$ | -        | $\dashv$ | -        | $\dashv$  |          | $\dashv$  | $\dashv$  |
| <u> </u>   | 50       |   | -            | $\vdash$     | $\vdash$   | $\vdash$   | ├  | ╁        | -            | $\vdash$     |            |       | 100      | $\vdash$        | -         | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |          |          |       | 150        | $\vdash$        | $\dashv$ | -        |          | -        | -         |          | $\dashv$  | $\dashv$  |
| L          | _ JU ]   |   | <u> </u>     | I            | L  | <u></u>  |  |          | <u></u>      | L            |            |       | 100      | Ш               |           |          |          |          | $\perp$  |           |          |          | <b> </b> |       | 130        |                 |          |          |          |          |           |          |           |           |